

California OES Weather Threat Briefing

Wednesday, July 17, 2019
9:00 AM PDT

Day 1: Areas of increased risk for heat impacts will linger for the southern deserts
Dry and breezy afternoon conditions will create slightly elevated fire weather concerns for portions of Southern and Inland Regions

National Weather Service
Western Region Headquarters
Regional Operations Center
Salt Lake City, UT



WEATHER KEY POINTS

07/17/19 - 07/23/19

Wednesday-Friday

- Dry and breezy afternoon conditions will create slightly elevated fire weather concerns for portions of Southern and Inland Regions
- A general cooling trend is expected, but areas of increased risk for heat impacts will linger for the southern deserts
 - Widespread heat risk level 2 - Moderate Risk for the southern deserts for those who are sensitive to heat, especially those without effective cooling and/or adequate hydration
 - High temperatures 100 to 112. Low temperatures in the upper 70s to mid 80s.

Saturday-Tuesday

- Dry and breezy afternoon conditions will create slightly elevated fire weather concerns for portions of Southern and Inland Regions
- Temperatures will gradually warm across the state
 - Widespread heat risk level 2 - Moderate Risk for the southern deserts for those who are sensitive to heat, especially those without effective cooling and/or adequate hydration. This will extend into the San Joaquin Valley by Monday and Tuesday.



CALIFORNIA WEATHER IMPACTS

07/17/19 - 07/23/19

| <u>Hazards / Day</u> | WED | THU | FRI | SAT | SUN | MON | TUE |
|--------------------------------------------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| Non-Thunderstorm Damaging Winds | | | | | | | |
| Snow | | | | | | | |
| Coastal Flooding | | | | | | | |
| River Flooding | | | | | | | |
| Thunderstorms (Wind / Hail / Tornadoes) | | | | | | | |
| Fire Weather (Low Humidity / Wind / Dry Thunderstorms) | Inland/ Southern | Inland/ Southern | Inland/ Southern | Inland/ Southern | Inland/ Southern | Inland/ Southern | Inland/ Southern |
| Heat Risk | Southern | Southern | Southern | Southern | Southern | Inland/ Southern | Inland/ Southern |
| Heavy Rain / Flash Flooding / Debris Flow | | | | | | | |
| Extreme Cold | | | | | | | |



No Impacts



Minimal Impacts

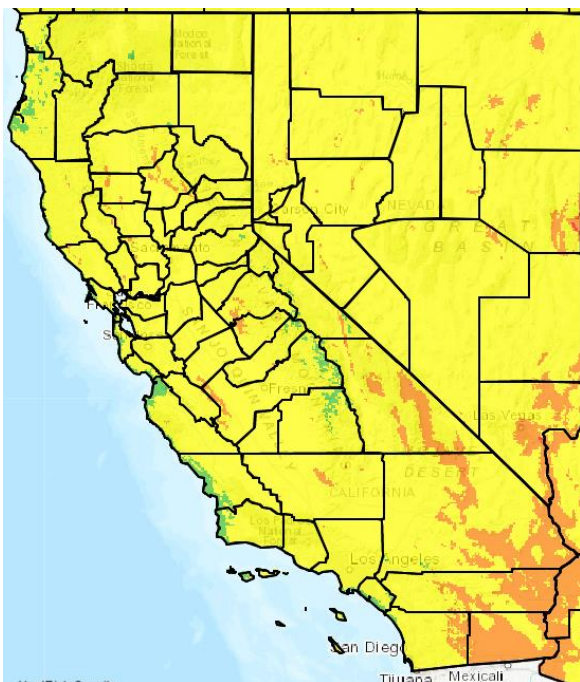


Moderate Impacts

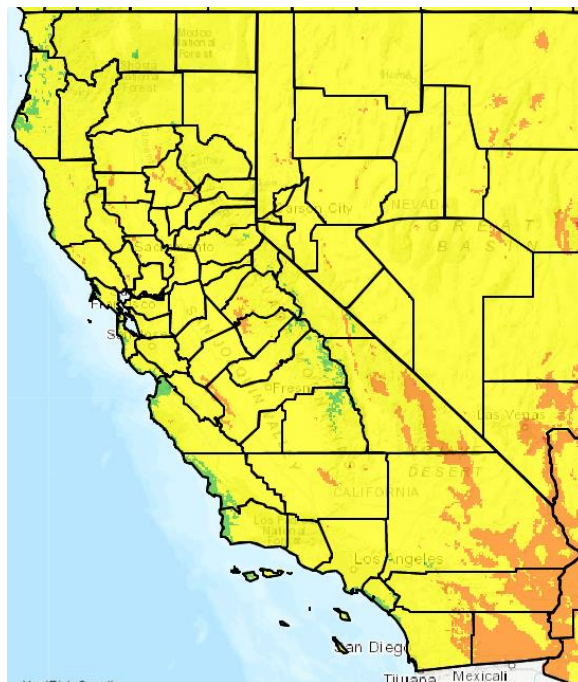


Severe Impacts

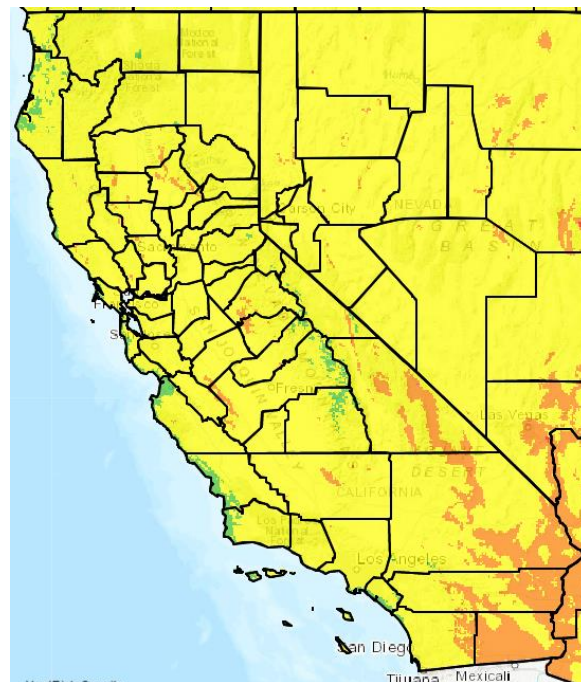
EXPERIMENTAL HEAT RISK FORECAST



Wednesday, July 17



Thursday, July 18



Friday, July 19

| Category | Level | Meaning |
|----------|-------|-------------------------------------------------------------------------------------------------------------------------|
| Green | 0 | No Elevated Risk |
| Yellow | 1 | Low Risk for those extremely sensitive to heat, especially those without effective cooling and/or adequate hydration |
| Orange | 2 | Moderate Risk for those who are sensitive to heat, especially those without effective cooling and/or adequate hydration |

| Category | Level | Meaning |
|----------|-------|---------------------------------------------------------------------------------------------------------------------------------------------|
| Red | 3 | High Risk for much of the population, especially those who are heat sensitive and those without effective cooling and/or adequate hydration |
| Magenta | 4 | Very High Risk for entire population due to long duration heat, with little to no relief overnight |

<https://www.wrh.noaa.gov/wrh/heatrisk/>



PRECIPITATION FORECAST

07/17/19 - 07/19/19

No significant precipitation is expected over the next 3 days

Precipitation (inches)



WEATHER OUTLOOK

07/22/19 - 07/30/19

6-10 Day Outlook (July 22 – July 26)

Temperatures

- Above normal temperatures favored across the state

Precipitation

- Equal chances of above normal or below normal precipitation across most the state

8-14 Day Outlook (July 24 – July 30)

Temperatures

- Above normal temperatures favored across the state

Precipitation

- Equal chances of above normal or below normal precipitation across most the state



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